

**HUMAN MONOCLONAL ANTIBODIES TO
FC ALPHA RECEPTOR (CD89)**

Abstract

5 Human monoclonal antibodies which bind specifically to Fc alpha receptor (CD89), including monoclonal antibodies which react specifically to Fc receptor for IgA of human effector cells are disclosed. The binding agents, *e.g.*, antibodies are useful for targeting human effector cells (*e.g.* macrophages) against a target cell (*e.g.* a cancer cell, an infectious agent, etc.). For this purpose, bifunctional antibodies or heteroantibodies can be
10 constructed containing the binding region derived from an anti-Fc-alpha receptor antibody and the binding region of a target-specific antibody. Targeted effector cells can specifically lyse target cells.

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